

RECEIVED
CENTRAL FAX CENTER
NOV 16 2004

FAX TRANSMISSION**DATE:** November 16, 2004**PTO IDENTIFIER:** Application Number 10/729,379-Conf. #8129
Patent Number**Inventor:** Arnie W. Ballantine et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP

Joseph Barrera

PHONE: (202) 331-7111**Attorney Dkt. #:** 21806-00086-US1**PAGES (Including Cover Sheet):** 5

CONTENTS: Issue Fee Trans w/Pub Fee; (1 page)
Fee Address Indication Form; (1 page)
Fee Transmittal (1 page)
Certificate of Transmission under 37 CFR 1.8 (1 page).
Charge IBM Deposit Account 09-456 in the amount of \$1670.00

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (202) 331-7111 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800, Washington, DC 20036-3425
Telephone: (202) 331-7111 Facsimile: (202) 293-6229

PTO/SB/87 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on November 16, 2004
Date


Signature

Downetta Teagle
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Issue Fee Trans w/Pub fee; (1 page)

Fee Address Indication Form; (1 page)

Fee Transmittal (1 page)

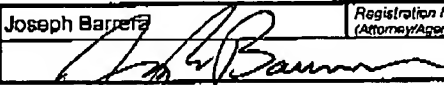
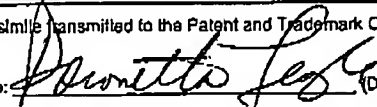
Certificate of Transmission under 37 CFR 1.8 (1 page).

Charge IBM Deposit Account 09-456 in the amount of \$1670.00

PTO/SB/17 (10-04v2)

Approved for use through 7/31/2008. OMB 0551-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005				Complete if Known																																																																																																																																																																																																	
Effective 10/01/2004. Patent fees are subject to annual revision.				Application Number 10/729,379-Conf. #8129																																																																																																																																																																																																	
				Filing Date December 8, 2003																																																																																																																																																																																																	
				First Named Inventor Ballantine et al.																																																																																																																																																																																																	
				Examiner Name L. K. Tran																																																																																																																																																																																																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Art Unit 2818																																																																																																																																																																																																	
TOTAL AMOUNT OF PAYMENT (\$)				21806-00086-US1																																																																																																																																																																																																	
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																																	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number 09-0456 Deposit Account Name IBM Corporation (Burlington) The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				3. ADDITIONAL FEES																																																																																																																																																																																																	
1. BASIC FILING FEE				<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>980</td><td>2253</td><td>490</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,080</td><td>2255</td><td>1,040</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,370</td><td>2453</td><td>685</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,370</td><td>2501</td><td>685</td><td>Utility issue fee (or release)</td><td>1370.00</td></tr> <tr><td>1502</td><td>490</td><td>2502</td><td>245</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>850</td><td>2503</td><td>330</td><td>Plant issue fee</td><td></td></tr> <tr><td>1480</td><td>130</td><td>1450</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(u)</td><td></td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>780</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>780</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td><td>Publication Fee</td><td>300.00</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1) (\$)</td> <td colspan="2" style="text-align: right;">1670.00</td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	430	2252	215	Extension for reply within second month		1253	980	2253	490	Extension for reply within third month		1254	1,530	2254	765	Extension for reply within fourth month		1255	2,080	2255	1,040	Extension for reply within fifth month		1401	340	2401	170	Notice of Appeal		1402	340	2402	170	Filing a brief in support of an appeal		1403	300	2403	150	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,370	2453	685	Petition to revive - unintentional		1501	1,370	2501	685	Utility issue fee (or release)	1370.00	1502	490	2502	245	Design issue fee		1503	850	2503	330	Plant issue fee		1480	130	1450	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(u)		1808	180	1808	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	780	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))		1810	780	2810	395	For each additional invention to be examined (37 CFR 1.129(b))		1801	790	2801	395	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)				Publication Fee	300.00	SUBTOTAL (1) (\$)				1670.00	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																		
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																	
1053	130	1053	130	Non-English specification																																																																																																																																																																																																	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																	
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																	
1252	430	2252	215	Extension for reply within second month																																																																																																																																																																																																	
1253	980	2253	490	Extension for reply within third month																																																																																																																																																																																																	
1254	1,530	2254	765	Extension for reply within fourth month																																																																																																																																																																																																	
1255	2,080	2255	1,040	Extension for reply within fifth month																																																																																																																																																																																																	
1401	340	2401	170	Notice of Appeal																																																																																																																																																																																																	
1402	340	2402	170	Filing a brief in support of an appeal																																																																																																																																																																																																	
1403	300	2403	150	Request for oral hearing																																																																																																																																																																																																	
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																	
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																	
1453	1,370	2453	685	Petition to revive - unintentional																																																																																																																																																																																																	
1501	1,370	2501	685	Utility issue fee (or release)	1370.00																																																																																																																																																																																																
1502	490	2502	245	Design issue fee																																																																																																																																																																																																	
1503	850	2503	330	Plant issue fee																																																																																																																																																																																																	
1480	130	1450	130	Petitions to the Commissioner																																																																																																																																																																																																	
1807	50	1807	50	Processing fee under 37 CFR 1.17(u)																																																																																																																																																																																																	
1808	180	1808	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																	
1809	780	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																	
1810	780	2810	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																	
1801	790	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																																	
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																	
Other fee (specify)				Publication Fee	300.00																																																																																																																																																																																																
SUBTOTAL (1) (\$)				1670.00																																																																																																																																																																																																	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																																																																																																																					
Total Claims <input type="text"/> -20* = <input type="text"/> x <input type="text"/> = <input type="text"/> Independent Claims <input type="text"/> -3** = <input type="text"/> x <input type="text"/> = <input type="text"/> Multiple Dependent <input type="text"/> = <input type="text"/>																																																																																																																																																																																																					
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>44</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>300</td><td>2203</td><td>150</td><td>Multiple dependent claim. If not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>44</td><td>** Release independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Release claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	88	2201	44	Independent claims in excess of 3		1203	300	2203	150	Multiple dependent claim. If not paid		1204	88	2204	44	** Release independent claims over original patent		1205	18	2205	9	** Release claims in excess of 20 and over original patent																																																																																																																																																											
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																		
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																	
1201	88	2201	44	Independent claims in excess of 3																																																																																																																																																																																																	
1203	300	2203	150	Multiple dependent claim. If not paid																																																																																																																																																																																																	
1204	88	2204	44	** Release independent claims over original patent																																																																																																																																																																																																	
1205	18	2205	9	** Release claims in excess of 20 and over original patent																																																																																																																																																																																																	
SUBTOTAL (2) (\$)				0.00																																																																																																																																																																																																	
*or number previously paid, if greater; For REISSUES, see above																																																																																																																																																																																																					
SUBMITTED BY				(Complete if applicable)																																																																																																																																																																																																	
Name (Print/Type) Joseph Barreza		Registration No. 44,522		Telephone (202) 331-7111																																																																																																																																																																																																	
Signature 				Date November 16, 2004																																																																																																																																																																																																	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9308, on the date shown below. Dated: 11-16-04 Signature:  (Downetta Teagle)																																																																																																																																																																																																					

PTO/SB/47 (03-02)

Approved for use through 12/31/2002. OMB 0351-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

"FEE ADDRESS" INDICATION FORM

Address to:
Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INSTRUCTIONS: Only an address associated with a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be specified when the patentee would like correspondence related to maintenance fees to be mailed to a different address than the correspondence address for the application. If there is a Customer Number already associated with the fee address for the patent or allowed application, check the first box below and provide the Customer Number in the space provided. If there is no Customer Number associated with the fee address for the patent or allowed application, you must check the second box below and attach a request for Customer Number form (PTO/SB/125). For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) Section 403.

Please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with the following customer number.

<input checked="" type="checkbox"/> Customer Number	<div style="border: 1px solid black; padding: 2px; display: inline-block;">22032</div>	→	<div style="border: 1px solid black; width: 150px; height: 30px; display: inline-block;"></div>
	Customer Number		Customer Number Bar Code
OR			
<input type="checkbox"/> Request for Customer Number (PTO/SB/125) attached hereto			

In the following listed application(s) for which the Issue Fee has been paid or patent(s).

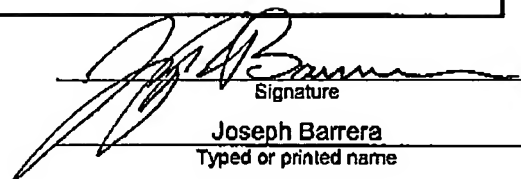
PATENT NUMBER (if known)	APPLICATION NUMBER
	10/729,379

(check one)

- ☐ Applicant/Inventor
- ☒ Attorney or Agent of record

44,522

(Reg. No.)
- ☐ Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- ☐ Assignment recorded at Reel _____ Frame _____


Signature
Joseph Barrera
Typed or printed name
(202) 331-7111
Requester's telephone number

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ Total of 1 forms are submitted.